

FORM PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Attorney's Docket No. (Optional)

PA1604

Application No.

09/670,475

Applicant

Brian L. Hinman et al.

Filing Date

September 26, 2000

Grain Unit

2631

RECEIVED  
JAN 08 2001  
Technology Center 2600

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
u	3 1 8 0 9 3 8	4/27/65	Glomb	179	15	
	3 5 4 8 1 2 0	12/15/70	Tarassoff	179	170.4	
	3 8 7 3 9 3 6	3/25/75	Cho	330	124 R	
	3 9 4 4 7 2 3	3/16/76	Fong	178	3	
	3 9 6 2 5 4 9	6/8/76	Zuk	179	16 EA	
	4 0 2 5 7 3 7	5/24/77	Brewer	179	175.31 R	
	4 1 3 1 8 5 9	12/26/78	Valle	330	124 R	
	4 2 4 2 5 4 2	12/30/80	Kimbrough	179	170 R	
	4 3 9 2 2 2 5	7/5/83	Wortman	370	75	
	4 4 6 2 1 0 5	7/24/84	Wagner et al.	375	8	
u	4 5 8 3 2 2 0	4/15/86	Blackburn et al.	370	74	

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation
					Yes No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

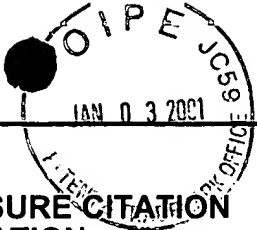
Shuany Li

DATE CONSIDERED

6/22/00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.



FORM PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Attorney's Docket No. (Optional)

PA1604

Application No.

09/670,475

Applicant

Brian L. Hinman et al.

Filing Date

September 26, 2000

Group Art Unit

2631

**RECEIVED**

JAN 08 2001

**U.S. PATENT DOCUMENTS**

Technology Center 2000

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>en</i>	4 6 3 3 4 5 9	12/30/86	Blackburn	370	13	
	4 6 5 6 6 2 8	4/7/87	Tan	370	85	
	4 6 6 7 3 1 9	5/19/87	Chum	370	55	
	4 7 6 6 6 0 6	8/23/88	Bardutz et al.	379	344	
	5 1 8 1 1 9 8	1/19/93	Lechleider	370	32.1	
	5 3 9 4 4 0 1	2/28/95	Patrick et al.	370	85.5	
	5 4 5 5 5 3 8	10/3/95	Kobayashi et al.	330	149	
	5 5 2 6 3 4 3	6/11/96	Aizawa et al.	370	13.1	
	5 7 2 6 9 8 0	3/10/98	Rickard	370	293	
	5 8 2 2 3 2 5	10/13/98	Segaram et al.	370	501	
<i>en</i>	5 9 7 4 1 3 7	10/26/99	Sheets et al.	379	347	

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER


*Shirley L.*

DATE CONSIDERED

*6/22/04*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

<b>Substitute for Form 1449A/PTO (Modified)</b> (use as many sheets as necessary)		<b>Attorney Docket No.:</b> 6491.P041	<b>Application Number:</b> 09/670,475
Page 1 of 6		<b>First Named Inventor:</b> Brian L. Hinman	<b>RECEIVED</b>  <b>FEB 23 2004</b>
		<b>Filing Date:</b> 9/26/2000	

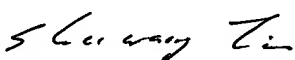
Technology Center 2600

### U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (If known)			
sc		4,970,722		Preschutti	11/13/1990	
		5,912,895		Terry et al.	6/15/1999	
		4,277,655		Surprenant	7/7/1981	
		4,259,642		Derby	3/31/1981	
		5,892,756		Murphy	4/6/1999	
		6,154,524		Bremer	11/28/2000	
		6,005,873		Amit	12/21/1999	
		6,091,722		Russell et al.	7/18/2000	
		6,084,931		Powell, II et al.	7/4/2000	
		5,623,485		Bi	4/22/1997	
		6,351,493	B1	Tarraf	2/26/2002	
		6,343,114	B1	Chea, Jr.	1/29/2002	
sc		6,058,162		Nelson et al.	5/2/2000	

### FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				

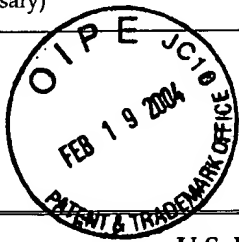
<b>Examiner Signature</b> 	<b>Date Considered</b> 6/22/04
--	-----------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 6491.P041	Application Number: 09/670,475
Page 2 of 6		First Named Inventor: Brian L. Hinman	RECEIVED  FEB 23 2004
		Filing Date: 9/26/2000	



### U.S. PATENT DOCUMENTS

Technology Center 2000

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (If known)			
5		US 2002/0001340	A1	Shenoi et al.	1/3/2002	
		US 2002/0106076	A1	Norrell et al.	8/8/2002	
		5,929,402		Charles et al.	7/27/1999	
		6,281,454	B1	Charles et al.	8/28/2001	
		761,995		Pupin	6/7/1904	
		US 2002/0113649	A1	Tambe et al.	8/22/2002	
		3,848,098		Pinel	11/12/1974	
		3,476,883		Birck et al.	11/4/1969	
		1,711,653		Quarles	5/7/1929	
		6,226,322	B1	Mukherjee	5/1/2001	
		6,345,072	B1	Liu et al.	2/5/2002	
		6,507,606	B2	Shenoi et al.	1/14/2003	
5		6,188,669	B1	Bellenger	2/13/2001	

### FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				

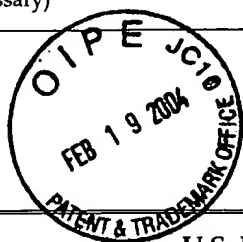
Examiner Signature	<i>Shuang Li</i>	Date Considered	6/22/04
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 6491.P041	Application Number: 09/670,475
Page 3 of 6		First Named Inventor: Brian L. Hinman	RECEIVED FEB 23 CANCELLED Technology Center
		Filing Date: 9/26/2000	



### U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (If known)			
sw		6,345,071	B1	Hamdi	2/5/2002	
		5,909,445		Schneider	6/1/1999	
		6,236,714	B1	Zheng et al.	5/22/2001	
		6,546,100	B1	Drew	4/8/2003	
		6,262,972	B1	McGinn et al.	7/17/2001	
		5,724,344		Beck	3/3/1998	
		6,091,713		Lechleider et al.	7/18/2000	
		3,578,914		Simonelli	5/18/1971	
		5,790,174		Richard, III et al.	8/4/1998	
		5,095,528		Leslie et al.	3/10/1992	
		6,029,048		Treatch	2/22/2000	
		4,768,188		Barnhart et al.	8/30/1988	
sw		4,788,657		Douglas et al.	11/29/1988	

### FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				

RECEIVED

FEB 23 2004

Technology Center 2600

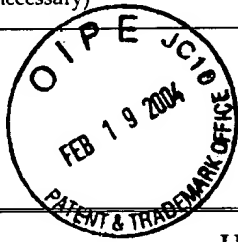
Examiner Signature	<i>Shuang Li</i>	Date Considered	6/22/04
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 6491.P041	Application Number: 09/670,475
Page 4 of 6		First Named Inventor: Brian L. Hinman	RECEIVED FEB 23 2004 CANCELLED Technology Center
		Filing Date: 9/26/2000	



### U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code <sup>2</sup>	Kind (If known)			
		5,049,832		Cavers	9/17/1991	
		5,736,949		Ong et al.	4/7/1998	
		5,859,895		Pomp et al.	1/12/1999	
		5,991,311		Long et al.	11/23/1999	
		6,047,222		Burns et al.	4/4/2000	
		6,128,300		Horton	10/3/2000	
		6,195,414	B1	Simmons et al.	2/27/2001	
		6,246,695	B1	Seazholtz et al.	6/12/2001	
		6,263,047	B1	Randle et al.	7/17/2001	
		6,266,348	B1	Gross et al.	7/24/2001	
		6,266,395	B1	Liu et al.	7/24/2001	
		6,370,188	B1	Wu et al.	4/9/2002	
		6,236,664	B1	Erreygers	5/22/2001	

### FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				

RECEIVED

FEB 23 2004

Technology Center 2600

Examiner Signature	<i>S. Wang Zi</i>	Date Considered	6/22/04
--------------------	-------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

[illegible][illegible]

Examiner Signature	<i>S. Gray, Jr.</i>	Date Considered	6/22/04
--------------------	---------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

